This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Currently Amended) A method for throttling data transfer, comprising:

determining an amount of resources that are in use;

when the amount of resources reaches a high threshold, notifying one or more primary control units to temporarily stop sending data by sending a message, wherein the one or more primary control units that are notified to temporarily stop sending data are selected from ones that are using a largest amount of resources and that have received a message to resume sending data afer receiving a message to temporarily stop sending data, and ones that are using the ~~greatest~~ largest amount of resources and that have not already received a message to temporarily stop sending data; and

when the amount of resources reaches a low threshold, notifying each previously notified primary control unit to resume sending data by sending a message.

2.   (Cancelled)

3.   (Original) The method of claim 1, further comprising:

at a primary control unit, resuming sending data after a predetermined period of time has expired without receipt of notification to resume sending data.

4.   (Original) The method of claim 1, further comprising:

when the amount of resources used is above a final threshold, re-notifying the one or more primary control units to temporarily stop sending data.

5.   (Original) The method of claim 1, wherein at least one of the resources is a cache.

6.   (Original) The method of claim 1, wherein the amount is measured by a percentage.

7.   (Cancelled)

8.   (Previously Presented) The method of claim 1, further comprising:

maintaining information on the amount of resources being used by each primary control unit.

9.   (Currently Amended) An article of manufacture including a program for throttling data transfer, wherein the program causes operations to be performed, the operations comprising:

determining an amount of resources that are in use;

when the amount of resources reaches a high threshold, notifying one or more primary control units to temporarily stop sending data by sending a message, wherein the one or more primary control units that are notified to temporarily stop sending data are selected from ones that are using a largest amount of resources and that have received a message to resume sending data afer receiving a message to temporarily stop sending data, and ones that are using the ~~greatest~~ largest amount of resources and that have not already received a message to temporarily stop sending data; and

when the amount of resources reaches a low threshold, notifying each previously notified primary control unit to resume sending data by sending a message.

10.   (Cancelled)

11.   (Original) The article of manufacture of claim 9, wherein the operations further comprise:

at a primary control unit, resuming sending data after a predetermined period of time has expired without receipt of notification to resume sending data.

12.   (Original) The article of manufacture of claim 9, wherein the operations further comprise:

when the amount of resources used is above a final threshold, re-notifying the one or more primary control units to temporarily stop sending data.

13.   (Original) The article of manufacture of claim 9, wherein at least one of the resources is a cache.

14.   (Original) The article of manufacture of claim 9, wherein the amount is measured by a percentage.

15.   (Cancelled)

16.   (Previously Presented) The article of manufacture of claim 9, wherein the operations further comprise:

maintaining information on the amount of resources being used by each primary control unit.

17.   (Currently Amended) A system for throttling data transfer, comprising:

means for determining an amount of resources that are in use;

means for when the amount of resources reaches a high threshold, notifying one or more primary control units to temporarily stop sending data by sending a message, wherein the one or more primary control units that are notified to temporarily stop sending data are selected from ones that are using a largest amount of resources and that have received a message to resume sending data afer receiving a message to temporarily stop sending data, and ones that are using the ~~greatest~~ largest amount of resources and that have not already received a message to temporarily stop sending data; and

means for when the amount of resources reaches a low threshold, notifying each previously notified primary control unit to resume sending data by sending a message.

18.   (Cancelled)

19.   (Original) The system of claim 17, further comprising:

at a primary control unit, means for resuming sending data after a predetermined period of time has expired without receipt of notification to resume sending data.

20.   (Original) The system of claim 17, further comprising:

when the amount of resources used is above a final threshold, means for re-notifying the one or more primary control units to temporarily stop sending data.

21.   (Original) The system of claim 17, wherein at least one of the resources is a cache.

22.   (Original) The system of claim 17, wherein the amount is measured by a percentage.

23.   (Cancelled)

24.   (Previously Presented) The system of claim 17, further comprising:

means for maintaining information on the amount of resources being used by each primary control unit.